SITUN PANIGRAHY

Sr. Oracle Certified Database Administrator

(732) 734 – 0440

GREEN CARD Work Status

**Summary of Qualifications:**

* IT Professional with 9+ years of hands on experience in database architecting, administration, production support, installation, configuration, upgrades, applying patches, performance tuning, backup and recovery, cloning, space management, database security and auditing.
* Experience in different scenarios of OLTP as well as DSS (Data warehouse) databases.
* Good experience in Architecting, Installation, configuration and administration of Oracle12c, 11g, 10g, 9idatabases.
* Expertisein installation, configuration and maintenance of Oracle 12c, 11g, 10g RAC, Stand-alone databases.
* Hands on Experience in working on various platforms like HP-UX, IBM AIX, SUN SOLARIS, RedHat/SuSELinux and Windows environments.
* Good Experience in Oracle Clustering Services and High Availability Features.
* Experience in configuring Automatic Storage Management (ASM) for managing oracle data.
* Experience on Oracle Golden Gate installation, setup, configuration, troubleshooting issues.
* Good Knowledge on Exadata and oracle cloud appliances.
* Good Experience in Upgrading, applying Patchesto the oracle databases.
* Expertise in using SQL Developer, SQL\*Loader, Flash-Back recovery, EXP/IMP, Data pump, Putty, TOAD, OEM, SQL\*Plus.
* Good at Proactive Monitoring, identifying areas that need to be improved in the application and database using AWR, ADDM, ASH and 12c, 11gOEM Grid Monitoring.
* Experience in Hot/Cold Backup and Recovery and Cloning of databases using RMAN with Tivoli, VERITAS Net Backup and CommVault.
* Extensive performance tuning experience, expertise in SQL Tuning, Database/Instance Tuning using AWR, ADDM, Explain Plan, TKProf, Stats pack, SQL Trace, Custom Scripts troubleshooting.
* Experience in Oracle Support processes for technical support requests through Metalink and other support procedures.
* Good experience in SQL, PL/SQL, Shell Scripting, Partitioningthe tables and Indexes, Data modeling, OLAP, Logical and Physical Database Design.
* Development Experience in creating Table spaces, Schemas, Users, Roles, database objects such as tables, indexes, views, materialized views, synonyms, DB links, packages, procedures, functions, constraints, cursors, trigger using SQL, PL/SQL.
* Experience in scheduling jobs through Oracle Job Scheduler, Crontaband Scheduled Task.
* Strong ability to handle multiple projects simultaneously and ability to work independently or in a team environment.

**Technical Competencies:**

Operating Systems: IBM AIX 7.1,6.1, 5.3, 5.2, 5.1, Red Hat Linux 7.x,6.x, 5.x, 4.x, SUSE Linux 10.x, 9.x, 8.x,HP-UX10.x, 11.x, Sun Solaris 10,9, 8, 2.x and Windows 98/NT/2000/XP/7

RDBMS: Oracle Exadata, Oracle 12c/11g/10g/9i/8i, Oracle 11g RAC, Oracle 10g RAC

Languages: SQL, PL/SQL, C, C++, UNIX Shell Scripting

Tools & Utilities: ASM, TOAD, DB artisan, SQL Plus, SQL Developer, RMAN, OEM, SQL\*Loader, Export/Import, DataPump, VMware, Golden Gate 11g, 12c, Putty, TKPROF, EXPLAIN PLAN, STATSPACK, SQL\*Trace, AWR, ADDM, Grid Control

Other Tools: CommVault, VERITAS, Net Backup, Tivoli

**Professional Experience:**

***Client: NYC HRA - Brooklyn, NYC*** *Jan 2015 - Present*

***Role: Sr. Oracle Database Administrator***

**Roles & Responsibilities:**

* Providing 24x7 rotational on-call database supports as needed.
* Installing, Configuration, Administrating and supporting Oracle 12c, 11gR2, 10g, 9i databases.
* Configuration, administrating and maintaining single node, multi-node RAC, HA, standby databases.
* Applying PSU and upgrading, migration the RAC, Single Node databases from 10g to 11gR2 to 12c.
* Installation, Configuration, setup replication process and maintenance of Golden Gate.
* Troubleshooting and fixing Golden Gate errors.
* Configured Golden Gate to achieve unidirectional replication to migrate databases from 11g to 12c.
* Managing oracle databases in Exadata environment.
* Managing oracle databases in Exadata environment. Experience with installing & maintaining Oracle databases and Oracle EBS applications (12.2.x).
* Installing & maintaining Oracle databases and Oracle EBS applications (12.2.x).
* Supporting Oracle EBS implementation.
* Managing the database storage through ASM (Automatic Storage Management), File system.
* Managing the high availability environment databases through Data Guard for disaster recovery.
* Tuning the long running SQL queries using EXPLAIN Plan, OEM Grid Control and running SQL Tuning Advisor as necessary.
* Administrating the oracle databases and its services using 13c, 12c, 11g Oracle Enterprise Manager and Grid Control.
* Generating the database performance reports ADDM, AWR, ASH using OEM Grid Control and assisting developers to rewrite the queries to improve the performances.
* Working on moving the schema, tables using Data Pump, Import/Export utility from one database to another database.
* Working on backups and restores using RMAN utility, scheduling the jobs when required using command line.
* Working on creating the partitioned tables, indexes and table spaces for larges tables in production environment.
* Working on allocation of space, resources and memory when required.
* Working on data analysis, data management and defining the data dictionaries.
* Working on physical and logical structure of the databases.
* Working with team for database access security and maintain database integrity.
* Working on Automatic Memory Management.
* Working with SQL Transaction management process.
* Managing the oracle database through Toad, Embarcadero DB Artisan and SQL Developer.
* Working on database comparison between tables and schemas in oracle databases.
* Writing and modifying the UNIX shell scripts to manage the oracle databases and to schedule the critical jobs.
* Executing the deployments and involved in change control system.
* Coordinating data management, application and developing team to complete the tasks.
* Creating and managing the database objects, following the procedures and naming conventions.
* Working with developers, application team to diagnose and troubleshoot the database issues.
* Working on the data corruption issues.
* Making the documentation of my work for future reviews.
* Performing daily administrator tasks like table space monitoring, checking alert logs, trace files and monitoring disk usages, database backup logs, etc.,
* Interacting with other DBA staff to provide assistance in day to day tasks.
* Following the enterprise standards and management directives.
* Working on ITSM tickets and following SLA’s.
* Working with OS admins, storage admins as required.

**Environment**: Oracle 12c/11g/10g/9i, RAC, Golden Gate, Exadata, RMAN, UNIX, Red Hat, SuSE Linux, Windows XP, SQL, PL/SQL, TOAD, Shell Scripting, SQL\*Developer, ASM, Data pump, DB Artisan, Data guard, OEM Database, Grid Control

***Client: Penndot - Harrisburg, PA*** *Nov 2013 to Jan 2015*

***Role: Sr. Database Administrator***

**Roles & Responsibilities:**

* Involved in rotational 24x7 on-call production database support.
* Architecting, installation, configuration and administration of Oracle database 12c, 11gR2, and 10g.
* Installing and configuring Oracle 11gR2 grid infrastructure and oracle database software on AIX.
* Installation, configuration of Oracle OWB, Data Mart databases.
* Designing, Implementing and maintaining new oracle database as required.
* Installation, configuration and administrating the single, multi-node oracle RAC 11gR2databases.
* Applied patch set updates and upgrading, migration the RAC, Single Node databases from 10g to 11gR2.
* Maintaining the Data Guard physical standby databases and sync up the primary and standby database, and upgrading, applying patches to thestandbydatabases.
* Installed and configure Golden Gate software in production environment.
* Setup capture, replication mechanism using Golden Gate.
* Troubleshoot Golden Gate issues related extracts, replication lag, Tran data, mapping issues etc.,
* Monitoring the database backup jobs and data guard sync between primary and standby databases.
* Upgrade and maintaining the standalone databases from oracle 10g to 11g and 11gR1 to 11gR2.
* Upgrading the oracle OEM from 11g to 12c, Installing agents on the servers.
* Workedon Automatic Storage Management (ASM) for managing data and adding and removing disks from the disk groups.
* Maintaining multi-tier high application infrastructure including connection pools and clustering queuing.
* Managing the partitioning tables, indexes and space allocation and memory management.
* Worked with team on database analysis, design and data management.
* Creating the documentation of my work for future reviews.
* Workedon the Database backup and restore to disk and tape using RMAN utility, CommVault.
* Worked on data and file corruption issues.
* Worked on physical and logical structure of the databases.
* Performing SQL tuning using the Explain Plan, TOAD, AWR, ADDM, OEM Grid Control.
* Involved in writing the SQL and PL/SQL Scripts and RMAN automated job scripts.
* Writing and modifying UNIX shell scripts to manage Oracle environment.
* Interacting with other DBA staff to provide assistance in day to day tasks.
* Applying the database and grid patches quarterly release by Oracle Corporation.
* Generating the database performance reports using AWR, ADDM, and ASH.
* Involved in switchover the databases between the primary and standby databases.
* Worked on the different environments like test, development, staging and production databases.
* Executing the deployments and work orders generated by the developers.
* Created and managed the database objects.
* Developed PL/SQL Packages, Procedures, Functions, Triggers.
* Worked on Data pump, import/export utility.
* Diagnose and troubleshooting database problems and failures.
* Worked with developers and application team for gathering information and resolving issues.
* Performing daily administrator tasks like table space monitoring, checking alert logs, trace files and monitoring disk usages, database backup logs, etc.,
* Database monitoring using Database Control, OEM Grid Control.
* Database comparison and schema comparison using TOAD, Grid Control.

**Environment**:Oracle 12c/11g/10g/9i, RAC, Exadata, Golden Gate, RMAN, UNIX, Red Hat, SuSE Linux, Windows XP, SQL, PL/SQL, TOAD, Shell Scripting, SQL\*Developer, ASM, Data pump, DataGuard,OEM Database, Grid Control

***Client: Excelcom - Reston, VA*** *Mar2012 to Oct 2013*

***Role: Oracle DBA***

**Roles & Responsibilities:**

* 24x7 on-call production database support.
* Architecting, Installation, Configuration and administration of Oracle 11g, 10g.
* Installed Oracle 11g RAC, 10g RAC, Standby Databases for High Availability and Disaster Recovery.
* Involved in the Installation, configuration of Active – Active GoldenGate replication on RAC.
* Troubleshoot and fixing issues in Golden Gate.
* Designing, implementing and maintaining new databases.
* Worked on Automatic Storage Management (ASM) for managing data inSAN Storage.
* Setup Active Data Guard for Database Disaster Recovery.
* Involved in Design and implementation of Logical, Physical Standby Databases.
* Upgrade, migration the oracle database from 10g to 11g.
* Worked on the different environments like test, development and production databases.
* Created and managed database objects.
* Worked on multi-tier HA application includes connection pools and clustering.
* Created and managed users, roles, privileges, schemas.
* Developed PL/SQL Packages, Procedures, Functions, Triggers.
* Creating and dropping of users, granting and revoking rights as and when required.
* Worked on Data pump (Expdp / Impdp), Import / Export.
* Performed database backup and recovery using cold backup/ hot backup/ logical.
* Database backup and recoveries using RMAN.
* Cloned database from production to Test using RMAN
* Diagnose and Troubleshoot Database Problems and failures.
* Taking Backups on scheduled time and Monitoring Scheduled Backups.
* Performed database and memory tuning using tools like AWR, ADDM, TKPROF, and EXPLAIN PLAN.
* Interacted with developers, application owners for gathering the information and resolving various issues.
* Performing database administration tasks like Table space usage, checking alert log, trace files, monitoring disk usage, Table/index analyze jobs, database backup logs etc.
* Design and Setup backup and recovery procedures.
* Storage and space management including table spaces and data files.
* Analyzing, Sizing the database for future growth.
* Managing database instances for test environments to ensure strong testing environment and smooth transition to production.
* Worked with the off-shore team and testers while code deployment and application testing
* Database Monitoring using Database, Grid Control.
* Generated DML, DDL Scripts using the SQL Developer, PL/SQL Developer, and TOAD.
* Schema, Data comparison using the TOAD.
* The work involved overall Maintenance of Oracle Database, Backup, Recovery and other database related activities.

**Environment**: Oracle 11g/10g, Oracle 11g/10g RAC, RMAN, UNIX (AIX, Sun Solaris), RedHat,Linux, Golden Gate, SQL, PL/SQL, TOAD, UNIX Shell, SQL\* Developer, ASM, TOAD, Data pump, Data guard, OEM (Grid Control)

***Client: Walgreens - Deerfield, IL*** *Jan 2011 to Feb 2012*

***Role: Sr. Oracle DBA***

**Roles & Responsibilities:**

* 24x7 on-call production database support
* Architecting, Installation, Configurations and administration of Oracle 11g, 10g.
* Installed Oracle 11g RAC, 10g RAC, Standby Databases for high availability and disaster recovery/reporting purpose.
* Installing, maintaining and troubleshooting oracle Golden Gate replication.
* Designing, Implementing and Maintaining new oracle databases.
* Data analysis and database management and worked on physical and logical structure on the databases.
* Created and managed database objects such as tables, indexes, partition tables and views.
* Created and managed users, roles, privileges, schemas.
* Handled large OLTP/DSS (Data warehouse) environments.
* Performed day-to-day database administration tasks like Tablespace usage, checking alert log, trace files, monitoring disk usage, Table/index analyze jobs, database backup logs etc.
* Worked on Automatic Storage Management (ASM) for managing data in SAN.
* Upgrade and migration from Oracle9i, 10g databases to Oracle 11g.
* Setup Active Data Guard for Disaster Recovery and reporting purpose.
* Wrote scripts for creation of users, creation and assignment of roles, analyze space requirements and maintain tablespaces and other database objects and also did the patch management for oracle upgrade.
* Wrote SQL and PL/SQL procedures, packages.
* Worked on 3 tiers HA application infrastructure includes connection pools and clustering queuing.
* Worked on Client server GUI software and different Operating systems.
* Migrated from SQL Server to Oracle.
* Worked on import/export, DataPump (expdp/impdp) and SQL\* loader.
* Cloning databases using scripts as well as RMAN. Installation, setup and configuration of Oracle Streams.
* Proactive database monitoring using 10g Grid Control.
* Capacity planning & Bench marking, monitoring database growth, resource usage etc.,
* Creating and rebuilding indexes and optimizing the code to improve the performance.
* Performed database backup and recovery using Cold backup, Hot backup and Logical backups.
* Design and Setup backup and recovery procedures.
* Built complex logical data models using sophisticated modeling techniques and tools like Erwin
* SQL tuning and Database tuning has been done based on reports generated by SQL Trace, TKPROF Reports, AWR, ADDM, Explain Plans and monitor the database performance on daily basis.
* Partitioning of large tables for better performance & Manageability.
* Wrote UNIX shell scripting to automate tasks and Crontab and DBMS\_Scheduler for scheduling jobs

**Environment**: Oracle 11g RAC/10g RAC, RMAN, UNIX (IBM AIX, Sun Solaris, HP-UX), RedHat LINUX, Golden Gate, SQL, PL/SQL, TOAD, UNIX Shell, SQL\* Loader, ASM, TOAD,DataPump,,Netapp, DataGuard, OEM (Grid Control)

***Client: Bank of America - Chicago, IL*** *Mar 2010 to Dec 2011*

***Role: Sr. Oracle DBA***

**Roles & Responsibilities:**

* 24x7 on-call production database support
* Architecting, Installation, Configuration, Maintenance of Oracle 11g, 10g databases.
* Installed Oracle 10g RAC, Standby Databases for high availability and disaster recovery/reporting purpose.
* Review of Database logical and Physical design, implementationand maintenance.
* Worked on ASM disk groups and raw devices.
* Configuring the Physical standby database to the production database using Data Guard.
* Install, upgrade and maintain Oracle 8i, 9i, 10g databases.
* Worked on multi-tier application high availability infrastructure
* Database monitoring and performance tuning using Statspack, AWR, Explain plan, TKPROF /AWR/ADDM.
* Created triggers, packages, procedures and functions in PL/SQL.
* Application Tuning by tuning queries, identifying problematic code, creation of indexes, re-writing queries using an optimized path, Creation of Materialized Views and gathering necessary statistics on objects etc.
* Implementing Database Security, Management of role-based security
* Performed backups and recoveries
* Applying Patches.
* Performing day-to-day database administration tasks like monitoring tablespace usage, checking alert log, trace files, monitoring disk usage, Table/index analyze jobs, database backup logs etc.
* Write and modify UNIX shell scripts to manage Oracle environment.
* Cloning databases using scripts as well as RMAN. Installation, setup and configuration of Data guard.
* Used PL/SQL, SQL Loader as part of ETL process to populate the operational data store.
* Migrated databases from Windows to Linux
* Security User Management, Privileges, Roles, Auditing, Profiling, Authentication.

**Environment**: Oracle 10g RAC/9i/8i, RMAN, RedHat LINUX, Sun Solaris, AIX, Golden Gate, SQL, PL/SQL, TOAD, SQL\* Loader, Data pump, Data guard, OEM (Grid Control)

***Client: JeevanSoftech Limited - Hyderabad, India.*** *Jan 2008 to Feb 2010*

***Role: Sr. Database Administrator***

**Roles & Responsibilities:**

* Support & Maintenance of Development Databases on various servers.
* Logical and Physical Data Modeling.
* Coordinate Changes to Computer databases.
* Installation, configuration and administration of oracle database.
* Capacity Planning, Storage Allocation and Space Management.
* Creating users, tables, views, roles, database links, Performing Exports/Imports.
* Planning Backup/Restore Strategy, Planning and scheduling hot/cold Backups.
* Developed PL/SQL Packages, Procedures and Functions
* Analyzing, Sizing the database for future growth.
* Moving data between schemas, databases using export/import utility
* Automating the process/Scheduling Jobs using DBMS\_JOB.
* Wrote scripts for monitoring the database, Configuring SQL\* Net. Integrating multiple application databases with multiple corporate entities, receiving business data feeds.
* Wrote PL/SQL Stored procedures, packages & triggers to support e-commerce application.
* Supporting the Development team, supporting production Environment

**Environment**: Oracle 10g/9i/8i, IBM AIX, Sun Solaris, RedHat Linux, Exports/Imports, SQL, PL/SQL, SQL\* Loader, SQL\* NET

**Educational Qualification:**

* **Bachelor’s Degree in Computer Science**

JNT University, AP, India

**References:** Provided upon request…